

LYONS CREEK #1 TIMBER SALE

August 18, 2008 Land Board

Location of Sale:

- Helena Unit (CLO) – Approximately 26 miles northwest of Helena, Montana; off of Highway 279.
- Lewis & Clark County – Section 18 & 20, T14N-R5W
- Trust Distribution: 100% Pine Hills Permanent (SRS)

Sale Volume & Estimated Value:

- The estimated sale volume is 4,579 tons (515 MBF) with an estimated minimum value of \$33,106.17 or \$7.23/ton.
- In addition to the stumpage value, a fee of \$1.32/ton for Forest Improvement will be charged for all merchantable sawlog timber harvested.
- 8.89 tons/MBF is the estimated conversion factor.

Sale & Harvest Treatments:

- The sale consists of two harvest units totaling 139 acres.
- This salvage timber sale would harvest dead and damaged Douglas-fir infested with western spruce budworm and Douglas-fir beetle, and lodgepole pine infested with mountain pine beetle.
- The severity of budworm damage on Douglas-fir will dictate silvicultural treatments. Where slight defoliation is detected, an intermediate thinning would be applied. In areas of heavy mortality, a seed tree harvest would be applied.
- This sale contains no old growth.

Harvest Systems:

- 40% Excavator- (a specialized line machine capable of working off roads)
- 60% Ground Based

Road Construction:

- An existing road that is on private property would be used to access this sale. Nearly 1.63 miles of new road construction would be built on State Trust Lands to access harvest units. This portion of the road system would be closed to motorized use by pulling fill material back to near slope grade and scattering stumps and debris.

Public Involvement:

- Public scoping began in August, 2006 with the mailing of the initial proposal to adjacent landowners, organizations, and interested parties. Legal notices were published in the Helena Independent Record in September of 2006. Concerns brought forward through the public scoping process have been addressed in the Environmental Assessment Checklist.

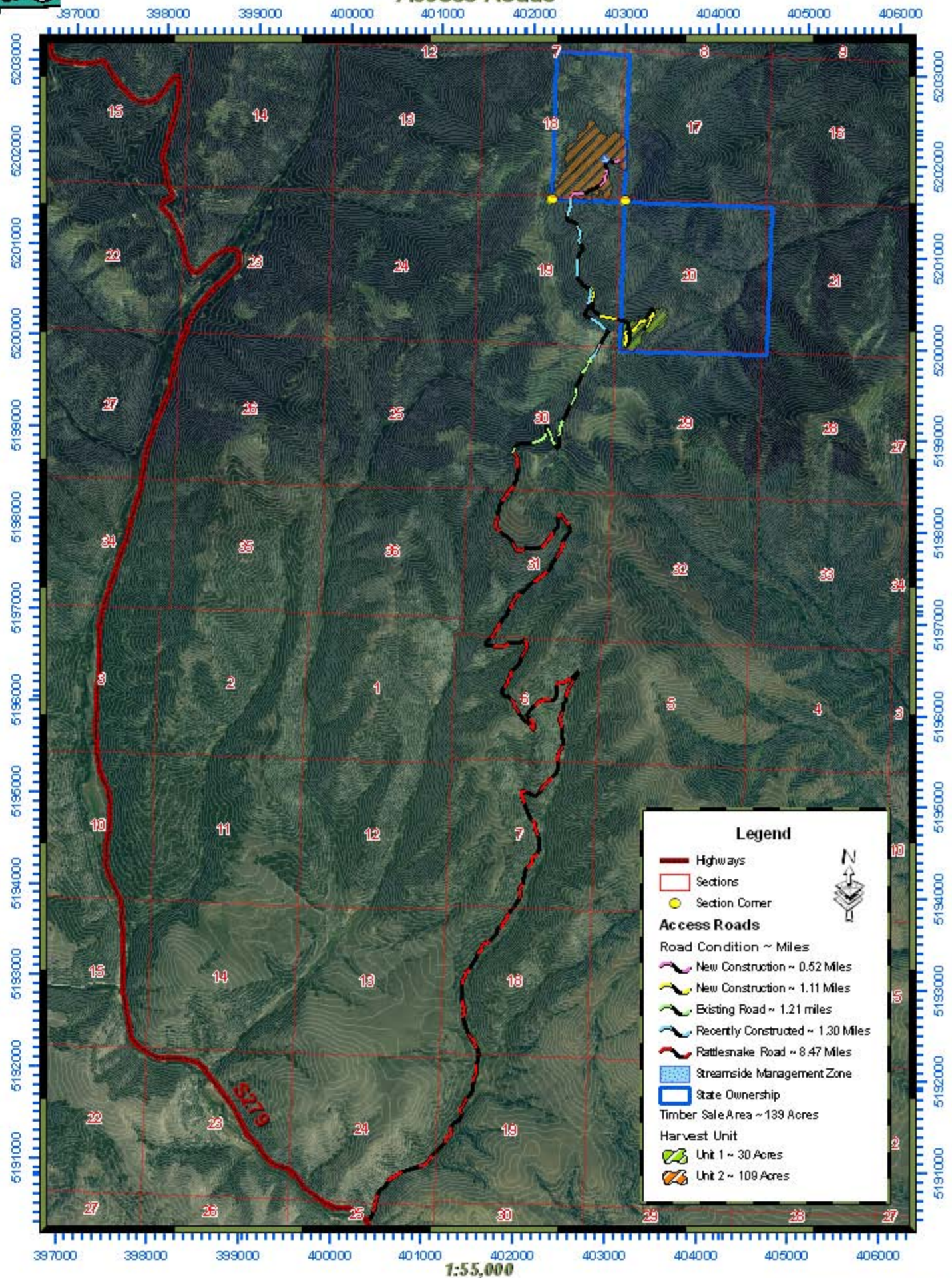
Issues and Mitigations:

- **Wildlife** - Understory trees will be maintained within the sale area to decrease the visibility of hunters in order to protect big game. Harvest restriction periods have been incorporated into the sale to cover a Conservation Easement on adjacent land for hunting opportunities. There will be no harvesting on the sale between September 1st through November 30th, and access roads will be closed upon completion of the sale.

The Director recommends the Land Board direct the Department to sell the Lyons Creek #1 Timber Sale.



Lyons Tractor Timber Sale Access Roads

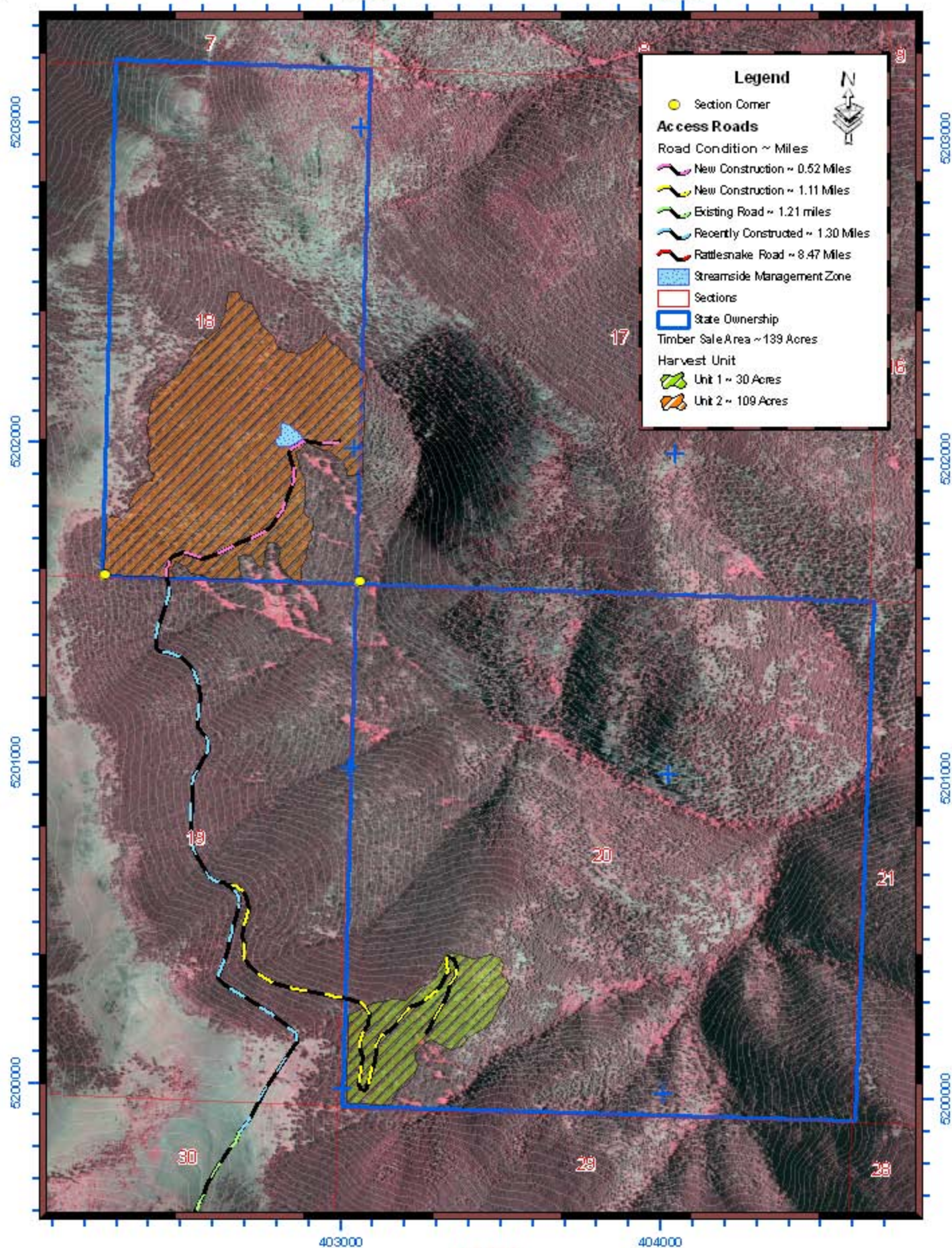




Lyons Tractor Timber Sale T14N, R5W, Sections 18 & 20

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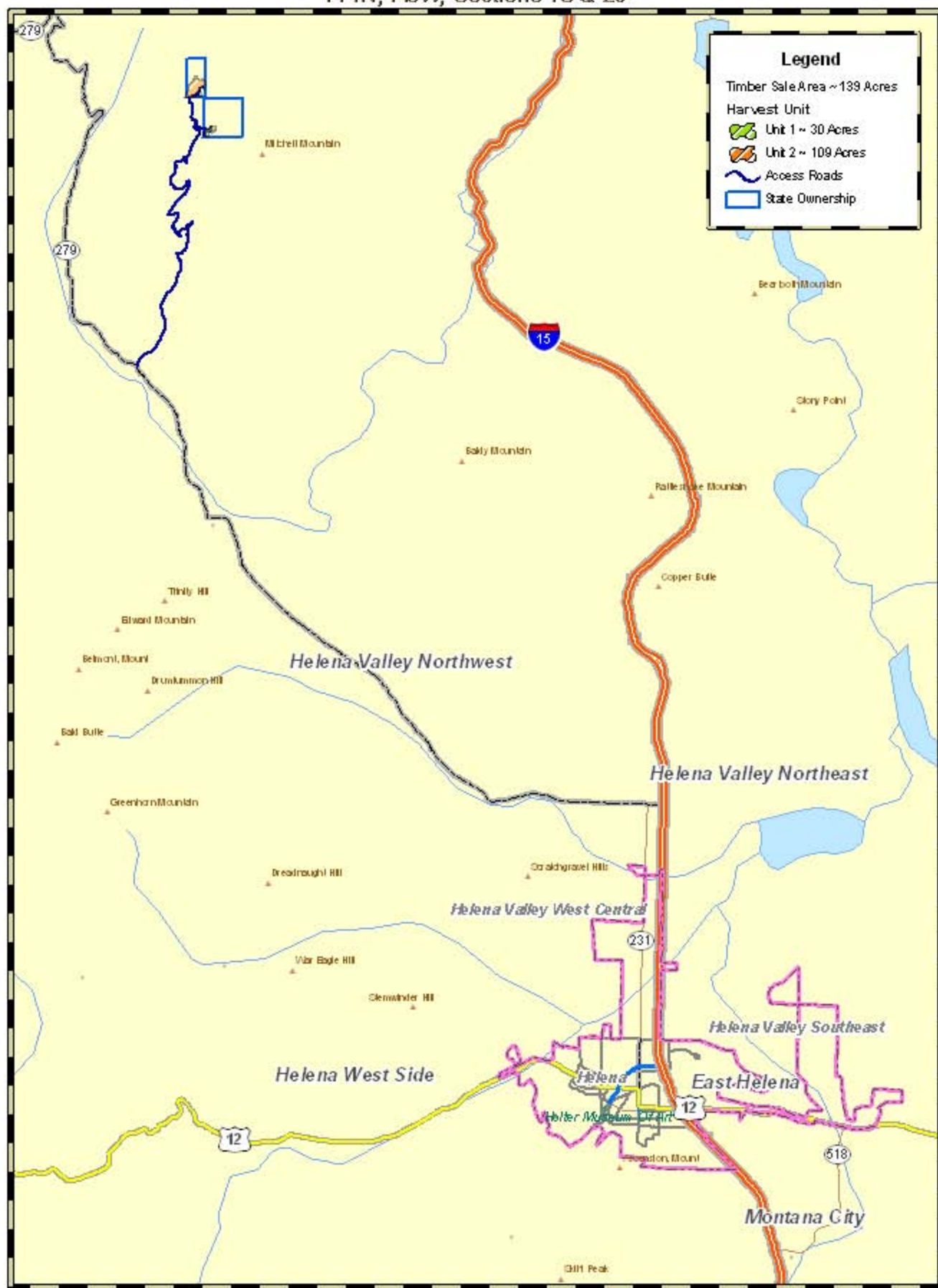
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Lyons Creek I Timber Sale Vicinity Map

T14N, R5W, Sections 18 & 20



1:225,000

0 1.5 3 6 9 12 Miles